

What is claimed is:

1. A valve being attached to a fuel tank, the valve permitting a vaporized fuel to flow out, inhibiting a liquid fuel from flowing out, and comprising:

a cover bonded to an upper portion of a fuel tank, being independent of the fuel tank, and including a connecting surface to be connected to the fuel tank, the connecting surface having a connector portion formed of a resin exhibiting a good bondability to the fuel tank, and a flow-out passage in which a vaporized fuel flows out; and

a case screwed to the cover, and including an evaporator opening, communicating with the flow-out passage, and a floating valve for opening or closing the evaporator opening.

2. The valve according to claim 1, wherein said cover has a first screwed portion, said case has a second screwed portion, and a sealing member is further interposed between the first screwed portion and the second screwed portion.

3. The valve according to claim 1, wherein said cover has a case-contacting surface, which contacts with said case in the axial direction, said case has a cover-contacting surface, which faces the case-contacting surface, one of the case-contacting surface and the cover-contacting surface has a ring-shaped groove, and the other one thereof has a ring-shaped rib, which faces the ring-shaped groove; and

a leading end of said ring-shaped rib is pressed against an

inner wall of said ring-shaped groove by screwing said case to said cover.

4. The valve according to claim 1, wherein said cover has a case-contacting surface, which contacts with said case in the axial direction, said case has a cover-contacting surface, which faces the case-contacting surface, and an elastic member, which urges the said cover and said case in directions separating the case-contacting surface and the cover-contacting surface away from each other, is further interposed between the case-contacting surface and the cover-contacting surface.

5. A valve being attached to a fuel tank, the valve comprising:
a cover bonded to a fuel tank, being independent of the fuel tank, and including a connecting surface to be connected to the fuel tank, the connecting surface having a connector portion formed of a resin exhibiting a good bondability to the fuel tank; and
a case bonded to the cover.

6. A valve being attached to a fuel tank, the valve permitting a vaporized fuel to flow out, inhibiting a liquid fuel from flowing out, and comprising:

a cover bonded to an upper portion of a fuel tank, being independent of the fuel tank, and including a connecting surface to be connected to the fuel tank, the connecting surface having a connector portion formed of a resin exhibiting a good bondability to the fuel tank, and a flow-out passage in which a vaporized fuel flows out;

a case connected to the cover by claw engagement, and including an evaporator opening, communicating with the flow-out passage, and a floating valve for opening or closing the evaporator opening;

said cover having a first surface;

said case having a second surface neighboring the first surface; and

an elastic lip erected on at least one of the first surface and the second surface and having a leading end contacted elastically with the other one of the first surface and the second surface.

7. A valve being attached to a fuel tank, the valve permitting a vaporized fuel to flow out, inhibiting a liquid fuel from flowing out, and comprising:

a cover bonded to an upper portion of a fuel tank, being independent of the fuel tank, and including a connecting surface to be connected to the fuel tank, the connecting surface having a connector portion formed of a resin exhibiting a good bondability to the fuel tank, and a flow-out passage in which a vaporized fuel flows out; and

a case connected to the cover, and including an evaporator opening, communicating with the flow-out passage, and a floating valve for opening or closing the evaporator opening;

wherein said cover and said case are connected by pressing-in and one of said cover and said case, to be pressed in into the other one thereof, has an outer peripheral surface, on which a flange portion, having a triangle-shaped cross section tapering from wide to narrow in the pressing-in direction, is formed.

8. A valve being attached to a fuel tank, the valve permitting a vaporized fuel to flow out, inhibiting a liquid fuel from flowing out, and comprising:

a cover bonded to an upper portion of a fuel tank, being independent of the fuel tank, and including a connecting surface to be connected to the fuel tank, the connecting surface having a connector portion formed of a resin exhibiting a good bondability to the fuel tank, and a flow-out passage in which a vaporized fuel flows out; and

a case connected to the cover by claw engagement, and including an evaporator opening, communicating with the flow-out passage, and a floating valve for opening or closing the evaporator opening;

wherein said case has a press-in portion to be pressed in into said cover and the press-in portion has an outer peripheral surface, on which a flange portion, having a triangle-shaped cross section tapering from wide to narrow in the pressing-in direction, is formed.

9. The valve according to claim 1, wherein the connector portion of said cover is formed of an adhesive polyethylene, portions of said cover excepting the connector portion are formed of a polyamide, said case is formed of a reinforced polyamide, and said fuel tank is formed of a polyethylene.

10. The valve according to claim 6, wherein the connector portion of said cover is formed of an adhesive polyethylene, portions of said cover excepting the connector portion are formed of a polyamide, said case is formed of a reinforced polyamide, and said fuel tank is formed of a polyethylene.

11. The valve according to claim 7, wherein the connector portion of said cover is formed of an adhesive polyethylene, portions of said cover excepting the connector portion are formed of a polyamide, said case is formed of a reinforced polyamide, and said fuel tank is formed of a polyethylene.

12. The valve according to claim 8, wherein the connector portion of said cover is formed of an adhesive polyethylene, portions of said cover excepting the connector portion are formed of a polyamide, said case is formed of a reinforced polyamide, and said fuel tank is formed of a polyethylene.

13. A valve being attached to a fuel tank, and comprising:
a cover bonded to a fuel tank, being independent of the fuel tank, and including a connecting surface to be connected to the fuel tank, the connecting surface having a connector portion formed of a resin exhibiting a good bondability to the fuel tank, and a flow-in passage into which a supplied fuel flows in; and

a case connected to the cover, and including a valve body demarcating the flow-in passage and the fuel tank openably or closeably;

wherein said cover and said case are connected by pressing-in and one of said cover and said case, to be pressed in into the other one thereof, has an outer peripheral surface, on which a flange portion, having a triangle-shaped cross section tapering from wide to narrow in the pressing-in direction, is formed.

14. The valve according to claim 5, wherein said cover is bonded to an upper portion of the fuel tank, and further includes a flow-out passage in which a vaporized fuel flows out; and

said case includes an evaporator opening, communicating with the flow-out passage, and a floating valve for opening or closing the evaporator opening.

15. The valve according to claim 14, wherein said case is welded to said cover.

16. The valve according to claim 14, wherein the connector portion of said cover is formed of an adhesive polyethylene, portions of said cover excepting the connector portion are formed of a polyamide, said case is formed of a reinforced polyamide, and said fuel tank is formed of a polyethylene.

17. The valve according to claim 5, wherein said cover includes a flow-in passage into which a supplied fuel flows in; and

said case includes a valve body demarcating the flow-in passage and the fuel tank openably or closeably.

18. The valve according to claim 17, wherein said case is welded to said cover.

19. The valve according to claim 17, wherein the connector portion of said cover is formed of an adhesive polyethylene, portions of said cover excepting the connector portion are formed of a polyamide, said case is formed of a reinforced polyamide, and said fuel tank

is formed of a polyethylene.